

0000 49659

CORRES. CONTROL  
OUTGOING LTR NO.

ADMIN RECORD

DOE ORDER# 4700.1  
95 RF 01189

# EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.  
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

January 27, 1995

95-RF-01189

Jessie M. Roberson  
Assistant Manager for  
Environmental Restoration Division  
DOE/RFFO

MODIFICATIONS TO THE OPERABLE UNIT 2 INTERIM MEASURES/INTERIM REMEDIAL ACTION  
PLAN RESULTING FROM CONSTRUCTION OF THE SITEWIDE TREATMENT FACILITY -  
SGS-037-95

Action: Concurrence with proposed action

The current Operable Unit 2 (OU 2) Interim Measures/Interim Remedial Action Plan (IM/IRAP) requires revision to remove references to the existing treatment facility. Components of the present OU 2 Field Treatability Unit (FTU) will be transferred to the existing OU 1 Treatment Facility (Building 891). Water from the SW-59 collection system installed at the OU 2 FTU will then be trucked to the proposed Sitewide Treatment Facility (STF). Environmental and worker exposure effects discussed in the OU 2 IM/IRAP will apply to the STF as well.

The treatment equipment to be transferred is presently located at the OU 2 FTU site, north of the east access road. The modules to be relocated are: the Chemical Precipitation / Microfiltration Unit consisting of chemical precipitation tanks and mixers, a micro-filtration unit, and a sludge dewatering unit; the Granular Activated Carbon Columns; and a prefilter system of bag filters. The relocation will not alter the results of the treatment process for OU 2 waters. A description of these components and the treatment process can be found in the OU 2 Final Surface Water IM/IRAP dated March 1991.

The OU 2 surface water IM/IRA addresses the collection of surface water from three sources: SW-59, SW-61, and SW-132. Collection and treatment of SW-61 and SW-132 has been discontinued as of May 1994 per the agreement between the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Colorado Department of Public Health and Environment (CDPH&E). Monitoring of these sources has continued. Water from SW-59 will be the only source from OU 2 collected for treatment at the STF.

The OU 2 source, SW-59, is characterized in the OU 2 Final Surface Water IM/IRAP. Water collected from SW-59 will be pumped to a double contained tank placed at the seep. When filled, this tank will be emptied into a tanker and trucked to the STF. Treatment of the water will be equivalent to that described in the OU 2 IM/IRAP and treated effluent will be discharged through the existing Building 891 system.

DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

DIST.	LOC	DOC
AMARAL, M.E.		
BURLINGAME, A.H.		
BUSBY, W.B.		
BRANCH, D.B.		
CARNIVAL, G.J.		
DAVIS, J.G.		
FERRERA, D.W.		
FRAY, R.E.		
GEIS, J.A.		
GLOVER, W.B.		
GOLAN, P.M.		
HANNI, B.J.		
HARMAN, L.K.		
HEALY, T.J.		
HEDAH, T.		
HILBIG, J.G.		
HUTCHINS, N.M.		
JACKSON, D.T.		
KELL, R.E.		
KUESTER, A.W.		
MARX, G.E.		
MCDONALD, M.M.		
MCKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RISING, T.L.		
SANDLIN, N.B.		
SCHWARTZ, J.K.		
SELOCK, G.H.		
STEWART, D.L.		
STIGER, S.G.		
TOBIN, P.M.		
VOORHEIS, G.M.		
WASSARD, M.E.		
KURMISCH, M.C.		
WILB, T.E.		
WILDT, S.A.		
WILSON, P.S.		
WIMMER, A.		
WYNN, M.		
YESS, N.I.		
CORRES. CONTROL	X	X
ADMIN RECORD/80	X	X
TRAFFIC		
PAT/ST/300		

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CONFIDENTIAL  
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IN REPLY TO RFP CC NO:  
N/A

ACTION ITEM STATUS  
PARTIAL/OPEN  
CLOSED  
LTR APPROVALS:

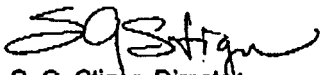
ORIG & TYPIST INITIALS  
SAS, MLC

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The STF will treat the remaining sources from OU 1 and OU 2, water from OU 7, and potentially other waters derived from environmental remediation activities that meet the STF acceptance criteria. All source waters will be treated to attain the Applicable or Relevant and Appropriate Requirements and compliance with them will be demonstrated prior to the release of treated effluent.

It is EG&G Rocky Flats Inc.'s recommendation that concurrence for these changes be obtained from the CDPH&E and the EPA.

Please contact Steven Joliat at extension 2534, Ty Vess at extension 6540, or Pete Laurin at extension 8702 with any questions.



S. G. Stiger, Director  
Environmental Restoration Program Division  
EG&G Rocky Flats, Inc.

SAJ:alc

Orig. and 1cc - J. M. Roberson

cc:

S. R. Grace - DOE, RFFO  
M. N. Silverman - DOE, RFFO